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(FILE 'HOME' ENTERED AT 17:19:29 ON 12 SEP 2007)

FILE 'HCAPLUS' ENTERED AT 17:19:39 ON 12 SEP 2007
E UENO RYUZO/AU 25

L1 285 S (E3)

E HONDA JUYA/AU 25

L2 18 S (E1)

E FURUKAWA YOJIRO/AU 25

L3 10 S (E3)

L4 291 S L1-L3

L5 2751 S MALTITOL

L6 9 S L4 AND L5

FILE 'STNGUIDE' ENTERED AT 17:21:24 ON 12 SEP 2007

FILE 'HCAPLUS' ENTERED AT 17:23:54 ON 12 SEP 2007

FILE 'STNGUIDE' ENTERED AT 17:24:52 ON 12 SEP 2007

FILE 'HCAPLUS' ENTERED AT 17:26:39 ON 12 SEP 2007

L7 4 S KRC KNEADER

L8 4 S KRC AND KNEADER

L9 0 S L8 AND L5

L3 10 ("FURUKAWA YOJIRO"/AU)

=> s 11-13

L4 291 (L1 OR L2 OR L3)

=> s maltitol

2751 MALTITOL

2 MALTITOLS

L5 2751 MALTITOL

(MALTITOL OR MALTITOLS)

=> s 14 and 15

L6 9 L4 AND L5

=> d 16 ibib abs 1-9

L6 ANSWER 1 OF 9 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2006:1247423 HCAPLUS

DOCUMENT NUMBER: 146:6827

TITLE: The packaging bag for sugar-alcohol powder compositions, and the packaging method

INVENTOR(S): Furukawa, Yojiro; Kawaura, Ryosuke

PATENT ASSIGNEE(S): Ueno Fine Chemicals Industry Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 9pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2006321552	A	20061130	JP 2005-148393	20050520
PRIORITY APPLN. INFO.:			JP 2005-148393	20050520

AB The invention provides a manufacturing method of packaging bags for storing sugar-alc. powder compns. which consist of the crystalline substance component which does not contain sorbitol and the amorphous component which contain sorbitol of 2 - 12 weight % to the sugar-alc. powder composition. The sugar-alc. powder composition is produced by enzymic degradation of starch, addition of hydrogen, crystallization and then drying. The sugar-alc. powder composition contains maltitol of 88 - 98 weight %. The packaging bags for sugar-alc. powder composition are made from heat-sealable laminated plastic film which 90 % of the relative humidity and the moisture vapor transmission measured at temperature 40 °C is below 3.0 g/m² for 24h. The heat-sealable plastic films are selected from low d. polyethylene (LDPE), high d. polyethylene (HDPE) and linear low d. polyethylene (LLPE).

L6 ANSWER 2 OF 9 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2005:209625 HCAPLUS

DOCUMENT NUMBER: 142:279132

TITLE: Eutectic mixtures of maltitol and sucrose, their manufacture, and sweetener compositions containing them

INVENTOR(S): Ueno, Ryuzo; Honda, Junya;

Furukawa, Yojiro

PATENT ASSIGNEE(S): Ueno Fine Chemicals Industry Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 14 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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 JP 2005058065 A 20050310 JP 2003-291199 20030811
 PRIORITY APPLN. INFO.: JP 2003-291199 20030811
 AB Eutectic mixts. substantially comprising only maltitol (I) and sucrose (II) are manufactured by feeding a mixed solution of I and II to a kneading apparatus, kneading the solution in the presence of seed crystals, and aging the kneaded mixture. Sweetener compns. containing the eutectic mixts. are also claimed. The eutectic mixts. have lower m.p. than that of I or II itself and show good workability. The eutectic mixts. are also prevented from segregation found in simple mixts. of crystals of I and II.

L6 ANSWER 3 OF 9 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:875931 HCAPLUS

DOCUMENT NUMBER: 141:349161

TITLE: Whipping cream, whipped cream and method for manufacturing the same

INVENTOR(S): Ueno, Ryuzo; Honda, Junya; Arai, Sho; Hasegawa, Shoko

PATENT ASSIGNEE(S): Kabushiki Kaisha Ueno Seiyaku Oyo Kenkyujo, Japan

SOURCE: Eur. Pat. Appl., 10 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1468613	A1	20041020	EP 2004-8988	20040415
EP 1468613	B1	20060531		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
JP 2004313056	A	20041111	JP 2003-110287	20030415
US 2006147599	A1	20060706	US 2004-823679	20040414
AT 327679	T	20060615	AT 2004-8988	20040415
PRIORITY APPLN. INFO.:			JP 2003-110287	A 20030415

AB Disclosed is whipping cream and whipped cream comprising a sugar alc. composition, wherein the sugar alc. composition comprises 55-100 wt% of α -D-glucopyranosyl-1,6-sorbitol on a dry weight basis. The whipped cream of the present invention has a stable foam structure with pleasant taste and texture.

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 4 OF 9 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:531285 HCAPLUS

DOCUMENT NUMBER: 141:37897

TITLE: Food containing sweetener mixture

INVENTOR(S): Ueno, Ryuzo; Honda, Junya; Kashiwagi, Satoshi; Masuda, Takashi

PATENT ASSIGNEE(S): Kabushiki Kaisha Ueno Seiyaku Oyo Kenkyusho, Japan

SOURCE: PCT Int. Appl., 30 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004054385	A1	20040701	WO 2003-JP15433	20031202
W: CN, JP, KR, US				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR				

EP 1576890	A1	20050921	EP 2003-777178	20031202
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, SK				
CN 1713825	A	20051228	CN 2003-80103619	20031202
US 2006165864	A1	20060727	US 2005-539117	20050616
JP 2002-366594 A 20021218				
JP 2003-149558 A 20030527				
WO 2003-JP15433 W 20031202				

PRIORITY APPLN. INFO.:

AB A food which is satisfactory in phys. properties, flavor, and sweetness quality. The food contains a sweetener mixture obtained by mixing a sugar alc. such as maltitol, with sucrose.

REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 5 OF 9 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:2901 HCAPLUS
 DOCUMENT NUMBER: 140:47584
 TITLE: Process for producing crystalline maltitol
 INVENTOR(S): Ueno, Ryuzo; Honda, Junya;
 Furukawa, Yojiro
 PATENT ASSIGNEE(S): Kabushiki Kaisha Ueno Seiyaku Oyo Kenkyusho, Japan
 SOURCE: PCT Int. Appl., 12 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japañese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004000861	A1	20031231	WO 2003-JP7613	20030616
W: AU, CA, CN, JP, KR, US				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR				
CA 2489912	A1	20031231	CA 2003-2489912	20030616
AU 2003278644	A1	20040106	AU 2003-278644	20030616
EP 1553100	A1	20050713	EP 2003-741117	20030616
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, SK				
CN 1662547	A	20050831	CN 2003-814132	20030616
US 2005220959	A1	20051006	US 2004-517451	20041209
JP 2002-178319 A 20020619				
WO 2003-JP7613 W 20030616				

PRIORITY APPLN. INFO.:

AB Disclosed is a process for efficiently producing crystalline maltitol at low cost in a short time with satisfactory working efficiency without using any seed crystal. The process comprises feeding a first aqueous maltitol solution to a kneading apparatus to knead and cool the solution therein, subsequently feeding a second aqueous maltitol solution having a high solid concentration in place of the first aqueous maltitol solution to continuously knead and cool the resultant mixture and thereby produce a plastic mass, cooling the mass to form a solidification product, and then pulverizing it. Alternatively, the process comprises feeding an aqueous maltitol solution to a kneading apparatus to knead and cool it, subsequently adding water thereto, continuously kneading and cooling the resultant mixture to produce a plastic mass, cooling the mass to form a solidification product, and then pulverizing it.

REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 6 OF 9 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2003:356458 HCAPLUS
 DOCUMENT NUMBER: 138:339915
 TITLE: Maltitol crystals containing crystals of saccharide except maltitol and method for

INVENTOR(S) : production thereof
 Ueno, Ryuzo; Tabata, Akihiko; Honda,
 Junya; Furukawa, Yojiro; Kuriyama,
 Yoshiaki

PATENT ASSIGNEE(S) : Kabushiki Kaisha Ueno Seiyaku Oyo Kenkyusho, Japan
 SOURCE: PCT Int. Appl., 24 pp.

DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003037907	A1	20030508	WO 2002-JP10797	20021017
W: AU, CA, JP, KR, US RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR				
CA 2433405	A1	20030508	CA 2002-2433405	20021017
EP 1440975	A1	20040728	EP 2002-777867	20021017
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR, BG, CZ, EE, SK				
US 2005118316	A1	20050602	US 2003-451778	20030626
PRIORITY APPLN. INFO.:			JP 2001-335496	A 20011031
			WO 2002-JP10797	W 20021017

AB The maltitol crystals containing crystals of other saccharides (e.g., sorbitol) have a particle size of 20-50 meshes obtained by pulverization and classification thereof and a loose apparent sp. gr. greater than 0.750 g/cc and not greater than 0.850 g/cc. The maltitol crystals have good solubility and little hydroscopicity, are small in the difference between a tamped apparent sp. gr. and a loose apparent sp. gr., and exhibit good fluidity. The crystals, having a relatively great apparent sp. gr., are easy for storage and transportation and useful for sweeteners.

REFERENCE COUNT: 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 7 OF 9 HCAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2002:636490 HCAPLUS
 DOCUMENT NUMBER: 137:154257
 TITLE: Manufacture of maltitol-containing honey crystal
 INVENTOR(S) : Ueno, Ryuzo; Tabata, Akihiko; Honda,
 Junya; Furukawa, Yojiro
 PATENT ASSIGNEE(S) : Ueno Fine Chemicals Industry Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 4 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002234895	A	20020823	JP 2001-33976	20010209
PRIORITY APPLN. INFO.:			JP 2001-33976	20010209

AB The maltitol solution is continuously or intermittently supplied to an extruder/kneader having a long and cold kneading zone for thoroughly cooling and kneading to form maltitol magma. The resultant maltitol magma is continuously extruded to give the maltitol-containing honey crystal. The method is low cost, easy, and fast. The product has negligible hydroscopicity and good solubility, and is easy to use and manipulate.

L6 ANSWER 8 OF 9 HCAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2002:31470 HCAPLUS
 DOCUMENT NUMBER: 136:87427
 TITLE: Molasses-containing maltitol crystal and process for producing the same
 INVENTOR(S): Ueno, Ryuzo; Tabata, Akihiko; Honda, Junya; Furukawa, Yojiro
 PATENT ASSIGNEE(S): K.K. Ueno Seiyaku Oyo Kenkyusho, Japan
 SOURCE: PCT Int. Appl., 14 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002002581	A1	20020110	WO 2001-JP5753	20010703
W: CA, JP, US RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
CA 2381661	A1	20020110	CA 2001-2381661	20010703
EP 1300414	A1	20030409	EP 2001-947798	20010703
EP 1300414	B1	20060104		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
AT 315040	T	20060215	AT 2001-947798	20010703
ES 2257421	T3	20060801	ES 2001-1947798	20010703
US 2003188739	A1	20031009	US 2002-48585	20020201
US 6863737	B2	20050308		

PRIORITY APPLN. INFO.: JP 2000-204142 A 20000705
 WO 2001-JP5753 W 20010703

AB The invention relates to molasses-containing maltitol crystals which, when pulverized and classified so as to give a powder at least 70% of which is accounted for by 16- to 50-mesh particles, has an oil absorption of 0.1 to 6.9% and a bulk d. of 0.60 to 0.75 g/cm³; and a process for producing molasses-containing maltitol crystals which comprises introducing air bubbles into an aqueous maltitol solution. By the process, molasses-containing maltitol crystals having satisfactory solubility and little hygroscopicity are produced in a short time with satisfactory working efficiency at low cost.

REFERENCE COUNT: 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 9 OF 9 HCAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1993:648592 HCAPLUS
 DOCUMENT NUMBER: 119:248592
 TITLE: Preparation of powdery crystalline maltitol useful as a low-cal and low cariogenic sweetener
 INVENTOR(S): Ueno, Ryuzo; Kanno, Tomoe; Kunimi, Yuji; Tabata, Akihiko
 PATENT ASSIGNEE(S): Kabushiki Kaisha Ueno Seiyaku Oyo Kenkyujo, Japan
 SOURCE: Eur. Pat. Appl., 13 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 561585	A1	19930922	EP 1993-301933	19930315
EP 561585	B1	19970528		
R: DE, FR, GB				

CA 2091616	A1	19930918	CA 1993-2091616	19930315
CA 2091616	C	20021126		
JP 06007110	A	19940118	JP 1993-56857	19930317
JP 3174424	B2	20010611		
US 5304388	A	19940419	US 1993-32785	19930317
KR 184016	B1	19990320	KR 1993-4100	19930317

PRIORITY APPLN. INFO.:

AB Powdery or granular crystalline maltitol (I), useful as a low-cal and low cariogenic sweetener, is prepared by a method which comprises adding seed crystals of I at a temperature lower than the m.p. of the seed crystals to an aqueous solution of I with 1-15% by weight moisture content; kneading the mixture in the presence or absence of additives selected from the group consisting of a fat, an oil and a surface-active agent; and continuously applying a shearing force to the kneaded mass. Thus, a kneaded aqueous solution of I, which had been dehydrated to a moisture content of 2.0% and which contained 2.0% palm oil monoglyceride required 3.9 min for powderization vs. 6.0 min for a similar solution of I that contained no palm oil monoglyceride.

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	33.27	33.48
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-7.02	-7.02

FILE 'STNGUIDE' ENTERED AT 17:21:24 ON 12 SEP 2007
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FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Sep 7, 2007 (20070907/UP).

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(FILE 'HOME' ENTERED AT 17:19:29 ON 12 SEP 2007)

FILE 'HCAPLUS' ENTERED AT 17:19:39 ON 12 SEP 2007

E UENO RYUZO/AU 25		
L1 285 S (E3)		
E HONDA JUYA/AU 25		
L2 18 S (E1)		
E FURUKAWA YOJIRO/AU 25		
L3 10 S (E3)		
L4 291 S L1-L3		
L5 2751 S MALTITOL		
L6 9 S L4 AND L5		

FILE 'STNGUIDE' ENTERED AT 17:21:24 ON 12 SEP 2007

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.24	33.72
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-7.02

FILE 'HCAPLUS' ENTERED AT 17:23:54 ON 12 SEP 2007
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EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	adding water to the kneader	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/09/12 15:01
L2	34	adding water NEAR3 kneader	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/09/12 15:01
L3	17	(adding water NEAR3 kneader) NEAR5 kneading	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/09/12 15:26
L4	6091	maltitol	US-PGPUB; USPAT; USOCR	NEAR	ON	2007/09/12 15:26
L5	1	I3 and L4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/09/12 15:29
L6	0	nihon seikosho tex-38FSS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/09/12 15:28
L7	56	nihon seikosho	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/09/12 15:28
L8	177	KRC Kneader	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/09/12 15:31

EAST Search History

L9	11	"5583215"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/09/12 15:31
L10	7	I8 and I4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/09/12 15:31
S2	12	"5304388"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/09/10 13:10
S3	10	("4717765" "4831129" "4846139" "5084563" "5137723").PN. OR ("5304388"). URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2007/09/10 13:11
S4	73578	knead\$	US-PGPUB; USPAT; USOCR	NEAR	ON	2007/09/10 13:11
S5	8	S3 and S4	US-PGPUB; USPAT; USOCR	NEAR	ON	2007/09/10 13:12
S6	6088	maltitol	US-PGPUB; USPAT; USOCR	NEAR	ON	2007/09/10 13:57
S7	8	S3 and S4	US-PGPUB; USPAT; USOCR	NEAR	ON	2007/09/10 13:12
S8	89	maltitol NEAR5 (knead\$ or mix or mixer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/09/10 13:58
S9	254	maltitol NEAR5 (knead\$ or mix or mixer or mixing or mixed)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/09/10 13:58

EAST Search History

S10	172	S9 and (crystal or crystalline or crystallized)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/09/10 13:59
S11	109	S10 and @ad<"20030616"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/09/10 14:00
S12	2500	maltitol.ab. or maltitol.clm. or maltitol.ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/09/10 14:00
S13	81	S11 and S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/09/10 14:00
S14	167448	crystal\$.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/09/10 14:00
S15	29	S13 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/09/10 14:19
S19	142	((RYUZO) near2 (UENO)).INV.	US-PGPUB; USPAT	NEAR	ON	2007/09/10 14:17
S20	303	((RYUZO) near2 (UENO)).INV.	EPO; JPO; DERWENT	NEAR	ON	2007/09/10 14:17
S21	14	((JUNYA) near2 (HONDA)).INV.	US-PGPUB; USPAT	NEAR	ON	2007/09/10 14:17
S22	15	((JUNYA) near2 (HONDA)).INV.	EPO; JPO; DERWENT	NEAR	ON	2007/09/10 14:17
S23	9	((YOJIRO) near2 (FURUKAWA)).INV.	US-PGPUB; USPAT	NEAR	ON	2007/09/10 14:17
S24	14	((YOJIRO) near2 (FURUKAWA)).INV.	EPO; JPO; DERWENT	NEAR	ON	2007/09/10 14:17

EAST Search History

S25	15	("4458362" "4683590" "4888808" "5354856" "5583215" "5694476" "5815580" "6120612").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/09/10 17:24
S28	12	"5304388"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/09/10 17:24
S29	21	("4408041" "4789559" "4831129" "4846139" "4849023" "4917916" "5003061" "5045340" "5133807" "5141859").PN. OR ("5354856"). URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2007/09/12 12:19
S30	6091	maltitol	US-PGPUB; USPAT; USOCR	NEAR	ON	2007/09/12 12:19
S31	21	("4408041" "4789559" "4831129" "4846139" "4849023" "4917916" "5003061" "5045340" "5133807" "5141859").PN. OR ("5354856"). URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2007/09/12 12:19
S32	11	S31 and S30	US-PGPUB; USPAT; USOCR	NEAR	ON	2007/09/12 13:13
S33	5613	seed NEAR3 solution	US-PGPUB; USPAT; USOCR	NEAR	ON	2007/09/12 13:15
S34	107	S30 and S33	US-PGPUB; USPAT; USOCR	NEAR	ON	2007/09/12 13:14
S35	74	S34 and @ad<"20030616"	US-PGPUB; USPAT; USOCR	NEAR	ON	2007/09/12 13:14
S36	5	S35 and S32	US-PGPUB; USPAT; USOCR	NEAR	ON	2007/09/12 13:14
S37	3745	seed NEAR2 solution	US-PGPUB; USPAT; USOCR	NEAR	ON	2007/09/12 13:15

EAST Search History

S38	5618	seed NEAR2 solution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/09/12 13:15
S39	12	(seed NEAR2 solution) NEAR5 maltitol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/09/12 15:00

Basic Search

[Advanced Search](#) [Search Preferences](#)

keyword:knead* AND (crystal) AND (water) AND (mul·

Search

Journal sources Preferred Web sources Other Web sources Exact phrase

Searched for:: :All of the words:**keyword:knead*** AND (**crystal**) AND (**water**) AND (**multiple** AND **extrusion**)

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1. **CELLULOSE ACYLATE GRAINS AND METHOD FOR PRODUCING THEM, CELLULOSE ACYLATE FILM AND METHOD FOR PRODUCING IT, POLARIZER, OPTICAL COMPENSATORY FILM, ANTIREFLECTION FILM AND LIQUID-CRYSTAL DISPLAY DEVICE**
HIGUCHI, Satoshi / MATSU FUJI, Akihiro / YOSHIDA, Tetsuya / GOTO, Yasutomo / HASHIMOTO, Kiyokazu (FUJIFILM CORPORATION), PATENT COOPERATION TREATY APPLICATION, Jun 2007
patno: WO07072995
...COMPENSATORY FILM, ANTIREFLECTION FILM AND LIQUID-CRYSTAL DISPLAY DEVICE TECHNICAL FIELD The present...an antireflection film and a liquid-crystal display device that comprise a cellulose...cellulose acylate films for use in liquid-crystal image display devices, a solution-casting...
Full text available at patent office. For more in-depth searching go to 
view all 22 results from Patent Offices
similar results

2. **PROCESS FOR PRODUCING RESIN COMPOSITION AND RESIN COMPOSITION PRODUCED THEREBY**
MIYAMA, Shigetoshi / OKAMOTO, Yasuhide (FA. M INC.), EUROPEAN PATENT APPLICATION, Jan 2006
patno: EP1612234
The present invention provides a method for manufacturing a resin composition by which a polyester resin composition with excellent mechanical properties can be manufactured at low cost, and a resin composition manufactured thereby. A raw material ...
Full text available at patent office. For more in-depth searching go to 
view all 22 results from Patent Offices
similar results

3. **FILLED POLYMER COMPOSITES**
MARX, Ryan E. / LONGABACH, John W. / NELSON, James M. / SHEFELBINE, Terr A. (3M INNOVATIVE PROPERTIES COMPANY), PATENT COOPERATION TREATY APPLICATION, Jun 2006
patno: WO06063317
...be tailored for each polymeric matrix, a specific filler, **multiple** fillers, or combinations thereof, thus adding a broad range...Non-limiting examples of melt processing practices include **extrusion**, injection molding, batch mixing, and rotomolding.

Preferred...polyesters, polyvinylchloride (PVC), fluoropolymers, liquid **crystal** polymers, polyamides, polyether imides, polyphenylene sulfides...

Full text available at patent office. For more in-depth searching go to LexisNexis
[view all 22 results from Patent Offices](#)
[similar results](#)

4. POLYMERIC MATERIAL, MOLDED ARTICLE, AND PROCESSES FOR PRODUCING THESE SHIOYAMA, Manabu / SHIMADA, Masayuki / AGARI, Yasuyuki / ARAKAWA, Motoomi / SUKATA, Kazuaki (ORIENT CHEMICAL INDUSTRIES, LTD. ; OSAKA MUNICIPAL GOVERNMENT), EUROPEAN PATENT APPLICATION, Mar 2004
patno:EP1398354

...silanol group) with a small amount of **water** in the system. The metal hydroxide has...raw materials. In the case of using **multiple** kinds of raw materials, it is preferable...molding directly after kneading with an **extrusion** molding machine or to form a strand...sheet, a rod or a pipe, is intended, an **extrusion** molding machine is recommended. In the...

Full text available at patent office. For more in-depth searching go to LexisNexis
[view all 22 results from Patent Offices](#)
[similar results](#)

5. Microwave-active silicone elastomers

Weidinger, Juergen (Wacker-Chemie GmbH), UNITED STATES PATENT AND TRADEMARK OFFICE PRE-GRANT PUBLICATION, May 2006
patno:US20060094818

...one aliphatic carbon-carbon **multiple** bond, (B) from 0 to 100 parts...injection molding, vacuum **extrusion**, **extrusion**, casting in molds, and compression...of a silazane and 1 part of **water** are then added, and the mixture...of an inverse spinel whose **crystal** lattice is cubic-hexakisoctahedral...

Full text available at patent office. For more in-depth searching go to LexisNexis
[view all 22 results from Patent Offices](#)
[similar results](#)

6. Method for the preparation of a poly (arylene ether)-polyolefin composition, and composition prepared thereby

Adedeji, Adeyinka / Hartle, Thomas J., UNITED STATES PATENT AND TRADEMARK OFFICE PRE-GRANT PUBLICATION, Apr 2006
patno:US20060079642

...1") downstream kneading ("kneading 2"). High intensity upstream and downstream kneading correspond to use of assemblies of **multiple** right-handed, left-handed, and neutral kneading elements as depicted in FIG. 1 as Kneading 1 (+1) and Kneading 2 (+1), respectively...

Full text available at patent office. For more in-depth searching go to LexisNexis
[view all 22 results from Patent Offices](#)
[similar results](#)

7. Method for the preparation of a poly(arylene ether)-polyolefin composition, and composition prepared thereby

Adedeji, Adeyinka / Hartle, Thomas J. (General Electric), UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT, Apr 2006
patno:US7022765

...1") downstream kneading ("kneading 2"). High intensity upstream and downstream kneading correspond to use of assemblies of **multiple** right-handed, left-handed, and neutral kneading elements as depicted in FIG. 1 as Kneading 1 (+1) and Kneading 2 (+1), respectively...

Full text available at patent office. For more in-depth searching go to LexisNexis
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8. Method for the preparation of a poly(arylene ether)-polyolefin composition, and

composition prepared thereby

Adedeji, Adeyinka / Haylock, John C. / Hossan, Robert / Pecak, William Eugene / Vendon, Mark Victor (General Electric), UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT, Jun 2005
patno:US6908964

A poly(arylene ether)-polyolefin composition is prepared by melt-blending a poly(arylene ether), a poly(alkenyl aromatic) resin, a hydrogenated block copolymer of an alkenyl aromatic compound and a conjugated diene, and an unhydrogenated block copolymer ...

Full text available at patent office. For more in-depth searching go to LexisNexis
view all 22 results from Patent Offices
similar results

9. FILLED POLYMER COMPOSITES

Marx, Ryan E. / Longabach, John W. / Nelson, James M. / Shefelbine, Terri A., UNITED STATES PATENT AND TRADEMARK OFFICE PRE-GRANT PUBLICATION, Jun 2006
patno:US20060128870

...of melt processing practices include **extrusion**, injection molding, batch mixing, and...polyvinylchloride (PVC), fluoropolymers, liquid **crystal** polymers, polyamides, polyether imides...copolymers. For those polymers that have **multiple** chain ends, the functional groups may...

Full text available at patent office. For more in-depth searching go to LexisNexis
view all 22 results from Patent Offices
similar results

10. Method of separating a polymer from a solvent

Silvi, Norberto / Giammattei, Mark H. / Keulen, Jan P. / Woodruff, David W. / Wilson, Paul R. / Buckley, Paul W. / Johnson, Norman Enoch (General Electric Company), UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT, Sep 2005
patno:US6949622

...preferred. In instances where there are **multiple** solvents present, the polymer-solvent...polymer-solvent mixture is introduced through **multiple** pressure control valves located on the...communication with the extruder, having instead **multiple** side feeders each of which is equipped...

Full text available at patent office. For more in-depth searching go to LexisNexis
view all 22 results from Patent Offices
similar results

11. Polymeric material, molded article, and processes for producing these

Shioyama, Manabu / Shimada, Masayuki / Agari, Yasuyuki / Arakawa, Motoomi / Sukata, Kazuaki, UNITED STATES PATENT AND TRADEMARK OFFICE PRE-GRANT PUBLICATION, Aug 2005
patno:US20050174880

...subjected to suspension polymerization in **water** containing a surface active agent using...polymer was then filtered, washed with **water** and dried. The resulting product was determined...subjected to suspension polymerization in **water** containing a surface active agent using...

Full text available at patent office. For more in-depth searching go to LexisNexis
view all 22 results from Patent Offices
similar results

12. Method for the preparation of a poly(arylene ether)-polyolefin composition, and composition prepared thereby

Adedeji, Adeyinka / Haylock, John C. / Hossan, Robert / Pecak, William Eugene / Vendon, Mark Victor, UNITED STATES PATENT AND TRADEMARK OFFICE PRE-GRANT PUBLICATION, Apr 2004
patno:US20040082719

A poly(arylene ether)-polyolefin composition is prepared by melt-blending a poly(arylene ether), a poly(alkenyl aromatic) resin, a hydrogenated block copolymer of an alkenyl

aromatic compound and a conjugated diene, and an unhydrogenated block copolymer ...
Full text available at patent office. For more in-depth searching go to LexisNexis
view all 22 results from Patent Offices
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13. [coverpage1_corrected12-05-2004 \[1\].doc \[PDF-51K\]](#)
Sep 2004

...Compounding technologies 10 2-5- **Extrusion** 12 2-6- Screw/Barrel elements...and fluctuation of cooling **water** temperature of plant, which...as a metamorphic mineral in **crystalline** limestones (marbles). The length...11 Twin Screw Extruders, **Multiple** Screw Extruders and Single...
[<http://web.unife.it/utenti/luca.bani/mastem/ing/Tesi/P...>]
similar results

14. **METHOD OF SEPARATING A POLYMER FROM A SOLVENT**

Silvi, Norberto / Giammattei, Mark H. / Keulen, Jan P. / Woodruff, David W. / Wilson, Paul R. / Buckley, Paul W. / Johnson, Norman Enoch, UNITED STATES PATENT AND TRADEMARK OFFICE PRE-GRANT PUBLICATION, Mar 2005
patno:US20050049393

...preferred. In instances where there are **multiple** solvents present, the polymer-solvent...polymer-solvent mixture is introduced through **multiple** pressure control valves located on the...communication with the extruder, having instead **multiple** side feeders each of which is equipped...

Full text available at patent office. For more in-depth searching go to LexisNexis
view all 22 results from Patent Offices
similar results

15. **Propylene-based resin composition and heat-shrinkable film**

Obata, Yoichi / Ebara, Takeshi (Sumitomo Chemical Company, Limited), UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT, Nov 2004
patno:US6812287

...become liable to form pimples during its **extrusion** processing. When a propylene-based polymer...become liable to form pimples during its **extrusion** processing. When MFRA/MFRB is 1 or more...insufficient flowability at the time of **extrusion** processing. When over 20 g/10 minutes...

Full text available at patent office. For more in-depth searching go to LexisNexis
view all 22 results from Patent Offices
similar results

16. **Single or multilayer foil having a layer containing thermoplastically processable starch**

Tomka, Ivan (Biotec Biologische Natuverpackungen GmbH & Co., KG), UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT, Jun 2001
patno:US6242102

...with the aid of **water**, there is obtained...problems by the known **extrusion** and injection molding...the production of **multiple**-layer foils. In...layers assure the **water** impermeability of...four-, five- or **multiple**-layer foils can...granulated. The **water** content of the thermoplastically...crystallites and **crystal** structures of the...

Full text available at patent office. For more in-depth searching go to LexisNexis
view all 22 results from Patent Offices
similar results

17. **Method for the preparation of a poly(arylene ether)-polyolefin composition, and composition prepared thereby**

Adedeji, Adeyinka / Haylock, John C. / Hossan, Robert / Pecak, William / Vendon, Mark Victor, UNITED STATES PATENT AND TRADEMARK OFFICE PRE-GRANT PUBLICATION, Oct 2002
patno:US20020156185

A poly(arylene ether)-polyolefin composition is prepared by melt-blending a poly (arylene ether), a poly(alkenyl aromatic) resin, a hydrogenated block copolymer of an alkenyl

aromatic compound and a conjugated diene, and an unhydrogenated block copolymer ...
Full text available at patent office. For more in-depth searching go to LexisNexis®
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[similar results](#)

18. Propylene-based resin composition and heat-shrinkable film

Obata, Yoichi / Ebara, Takeshi (SUMITOMO CHEMICAL COMPANY, LIMITED),
UNITED STATES PATENT AND TRADEMARK OFFICE PRE-GRANT PUBLICATION, Nov 2003
patno:US20030216521

...polymer was dissolved in a 1000 ml of boiling xylene and then cooled slowly to 50° C. Subsequently, while stirring in an ice **water**, the mixture was cooled to 20° C. and left stand at 20° C. overnight. A precipitating polymer was removed by filtration. Xylene...

Full text available at patent office. For more in-depth searching go to LexisNexis®
[view all 22 results from Patent Offices](#)
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19. Polymer composition for tire and pneumatic tire using same

Takeyama, Hidekazu / Soeda, Yoshihiro / Kawaguchi, Gou / Kawazura, Tetsuji /
Ozawa, Osamu / Watanabe, Jiro / Kuroda, Noriaki / Ikawa, Masahiro (THE
YOKOHAMA RUBBER CO., LTD.), EUROPEAN PATENT, Jul 1996

patno:EP722850

...layer inferior in moisture resistance (or **water** resistance). Japanese Unexamined Patent...disclosed in these publications, however, the **water** resistances of the thin films are poor...polybutylene naphthalate (PBN), liquid **crystal** polyester, polyoxyalkylene diimide diacid...

Full text available at patent office. For more in-depth searching go to LexisNexis®
[view all 22 results from Patent Offices](#)
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20. No Title

UNITED KINGDOM PATENT APPLICATION, Dec 1971

patno:GB1255566

...in injection moulding and **extrusion** be-cause of their hardness...presence of a quantity of **water** between 0.05 to 0.2 percent...and polyamides, single and **multiple** screw extruders with high...be fed continuously to the **extrusion** plant, where it is intensively...density of 1.38 g/cm 3, a **crystal** melting point of 256 °

C...Phenol/Tetrachlorethane with a **water** content of 0.064 weight percent...

Full text available at patent office. For more in-depth searching go to LexisNexis®
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keyword:knead* AND (crystal) AND (water) AND (mul

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1. [A method for the continuous manufacture of anhydrous crystalline maltitol and a manufacturing apparatus therefor](#)

Mitsuhashi, Masakazu / Yoshino, Zenichi / Ohsaki, Shigemitsu / Komaki, Toshiaki / Kurahashi, Yoshiaki / Ueyama, Hiromasa / Kittaka, Makoto (KABUSHIKI KAISHA HAYASHIBARA SEIBUTSU KAGAKU KENKYUJO ; Sanwa Kosan Kabushiki Kaisha), EUROPEAN PATENT, Aug 1999
patno:EP937733

...manufacture of stable anhydrous **crystalline maltitol** on a total amount method...manufacture of stable anhydrous **crystalline maltitol** within short time wherein...conducted. The anhydrous **crystalline maltitol** used in the present invention...

Full text available at patent office. For more in-depth searching go to LexisNexis
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[similar results](#)

2. [CONTINUOUS PRODUCTION OF ANHYDROUS CRYSTALLINE MALTITOL AND PRODUCTION APPARATUS THEREFOR](#)

MIHASHI, MASAKAZU / YOSHINO, ZENICHI / KOMAKI, TOSHIAKI / KURAHASHI, YOSHIKI / OOSAKI, SHIGEMITSU / KAMIYAMA, HIROMASA / KIKKO, MAKOTO (HAYASHIBARA BIOCHEM LAB INC ; SANWA KOSAN KK), PATENT ABSTRACTS OF JAPAN, Aug 1999
patno:JP11217395

...continuous production of a stabilized anhydrous **crystalline maltitol** in a shortened time through the full crystallization...continuous production process for an anhydrous **crystalline maltitol** comprises the following steps: (1) a thermal concentration...

Full text available at patent office. For more in-depth searching go to LexisNexis
[view all 118 results from Patent Offices](#)
[similar results](#)

3. [A process for manufacturing crystalline maltitol and crystalline mixture solid containing the same](#)

Yoneda, Susumu / Tateno, Yoshiaki / Magara, Mitsuo / Okamoto, Naoki (TOWA CHEMICAL INDUSTRY CO., LTD.), EUROPEAN PATENT, Jan 1998
patno:EP816373

...process for manufacturing **crystalline maltitol** and crystalline mixture solid...in any

desired ratio both **crystalline maltitol** and crystalline mixture solid...other desirable functions. **Crystalline maltitol** and crystalline mixture solid...

Full text available at patent office. For more in-depth searching go to  **view all 118 results from Patent Offices**
similar results

4. Method for producing a powder containing crystalline maltitol particles

Beauregard, Guy / Jorgenson, Mike / Moser, Ben / Parady, Tom / Ribadeau-Dumas, Guillaume (Roquette Frères), EUROPEAN PATENT APPLICATION, May 2002
patno:EP1207164

L'invention concerne un procédé de fabrication continue d'une poudre contenant des particules cristallines de maltitol. Le maltitol est le résultat de l'hydrogénéation du maltose. On sait déjà comment fabriquer du maltitol cristallisé, par exemple en induisant la cristallisation dudit maltitol dans

Full text available at patent office. For more in-depth searching go to  **view all 118 results from Patent Offices**
similar results

5. A process for manufacturing crystalline maltitol and crystalline mixture solid containing the same

Magara, Mitsuo / Kataura, Koichi / Tateno, Yoshiaki / Onuki, Yoshimasa / Osada, Yuji / Yamazaki, Fumito / Kato, Kazuaki (TOWA CHEMICAL INDUSTRY CO., LTD.), EUROPEAN PATENT, Nov 1996
patno:EP741140

...process for manufacturing a **crystalline maltitol** and a crystalline mixture...process for manufacturing a **crystalline maltitol** and crystalline mixture solid...Solved by the Invention) A **crystalline maltitol** and crystalline mixture solid...

Full text available at patent office. For more in-depth searching go to  **view all 118 results from Patent Offices**
similar results

6. PRODUCTION OF CRYSTALLINE MALTITOL

YAMAZAKI, FUMITO / SHIMAZU, KOSHIRO / TATENO, YOSHIAKI / MAGARA, MITSUO / OKAMOTO, NAOKI (TOWA CHEM IND CO LTD), PATENT ABSTRACTS OF JAPAN, May 1997
patno:JP09132587

...SOLVED: To obtain high-purity **crystalline maltitol** at low cost by using a Raney...problems. SOLUTION: This **crystalline maltitol** is obtained through the following...continuously to obtain the objective **crystalline maltitol** and a mother liquor, and...

Full text available at patent office. For more in-depth searching go to  **view all 118 results from Patent Offices**
similar results

7. PRODUCTION OF CRYSTALLINE MALTITOL AND HONEY-CONTAINING CRYSTAL CONTAINING THE SAME

MAGARA, MITSUO / KATAURA, KOICHI / TATENO, YOSHIAKI / ONUKI, YOSHIMASA / OSADA, YUJI / YAMAZAKI, FUMITO / KATO, KAZUAKI (TOWA CHEM IND CO LTD), PATENT ABSTRACTS OF JAPAN, Jan 1997
patno:JP09019300

...To simultaneously obtain **crystalline maltitol** and honey-contg. crystal...of seed crystal to recover **crystalline maltitol**, and the rest of the resultant...honey-contg. crystal containing the **crystalline maltitol**, thus simultaneously affording...

Full text available at patent office. For more in-depth searching go to  **view all 118 results from Patent Offices**
similar results

8. Process for manufacturing crystalline maltitol and crystalline mixture solid containing the same

Magara, Mitsuo / Kataura, Koichi / Tateno, Yoshiaki / Onuki, Yoshimasa / Osada, Yuji / Yamazaki, Fumito / Kato, Kazuaki (Towa Chemical Industry Co., Ltd.), UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT, Feb 1999
patno:US5873943

...process for manufacturing a **crystalline maltitol** and a crystalline mixture...process for manufacturing a **crystalline maltitol** and crystalline mixture solid...Solved by the Invention A **crystalline maltitol** and crystalline mixture solid...

Full text available at patent office. For more in-depth searching go to LexisNexis
[view all 118 results from Patent Offices](#)
[similar results](#)

9. Method for manufacturing powdery crystalline maltitol

Ueno, Ryuzo / Kanno, Tomoe / Kunimi, Yuji / Tabata, Akihiko (Kabushiki Kaisha Ueno Seiyaku Oyo Kenkyuio), UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT, Apr 1994
patno:US5304388

...of manufacturing a powdery **crystalline maltitol** in which comprises adding...With regard to the purity of **crystalline maltitol** as small amount of the additives...high content of anhydrous **crystalline maltitol**, are ordinarily required...

Full text available at patent office. For more in-depth searching go to LexisNexis
[view all 118 results from Patent Offices](#)
[similar results](#)

10. Method for manufacturing powdery crystalline maltitol

Ueno, Ryuzo / Kanno, Tomoe / Kunimi, Yuji / Tabata, Akihiko (Kabushiki Kaisha Ueno Seiyaku Oyo Kenkyujo), EUROPEAN PATENT, Sep 1993
patno:EP561585

...for manufacturing powdery **crystalline maltitol**. (2. Description of the...crystallizing out anhydrous **crystalline maltitol**. This method is characterized in that a high purity **crystalline maltitol** can be obtained, but it gives...

Full text available at patent office. For more in-depth searching go to LexisNexis
[view all 118 results from Patent Offices](#)
[similar results](#)

11. DIRECTLY COMPRESSIBLE POWDERED CRYSTALLINE MALTITOL AND PREPARATION THEREOF

SERPELLONI, MICHEL (ROQUETTE FRERES), PATENT ABSTRACTS OF JAPAN, Feb 1995

patno:JP07048395

PURPOSE: To obtain a powdered **crystalline maltitol** used to prepare a tablet...CONSTITUTION: The objective **crystalline maltitol** is a directly compressible moldable powdered **crystalline maltitol** which has a maltitol content...

Full text available at patent office. For more in-depth searching go to LexisNexis
[view all 118 results from Patent Offices](#)
[similar results](#)

12. Process for the preparation of crystalline maltitol

Devos, Francis / Gouy, Pierre-Antoine (Roquette Freres), UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT, Jul 1989
patno:US4846139

...invention relates to a process for the preparation of **crystalline maltitol**. Maltitol or .alpha.-D-glucopyranosyl 4-D-sorbitol...hydrogenation of maltose. It is known to prepare anhydrous **crystalline maltitol** by inducing the crystallization of said maltitol...

Full text available at patent office. For more in-depth searching go to LexisNexis
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[similar results](#)

13. Process for manufacturing crystalline maltitol and crystalline mixture solid containing the same

Yoneda, Susumu / Tateno, Yoshiaki / Magara, Mitsuo / Okamoto, Naoki (Towa Chemical Industry Co., Ltd.), UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT, Aug 1999
patno:US5932015

...Manufacture of **Crystalline Maltitol**) 205 kg maltitol solution...agitator. At 55.degree. C., **crystalline maltitol** powder was added as seeds...quantity of water to produce **crystalline maltitol** and a mother liquor. Results...

Full text available at patent office. For more in-depth searching go to LexisNexis®
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[similar results](#)

14. ANHYDROUS CRYSTALLINE MALTITOL AND ITS PREPARATION AND USE

HIRAO, MAMORU / TSUCHIYA, HIROMI / MIYAKE, TOSHIO (HAYASHIBARA BIOCHEM LAB INC), PATENT ABSTRACTS OF JAPAN, Aug 1982

patno:JP57134498

NEW MATERIAL: Nonhygroscopic anhydrous **crystalline maltitol**. Elemental analysis value: C 41.9%, H 7.1%, O 51.0%. Melting point: 146. 5W147.0°C. Specific rotatory power: [α]D 20 +106. 5...

Full text available at patent office. For more in-depth searching go to LexisNexis®
[view all 118 results from Patent Offices](#)
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15. HARD SUGAR-COATED TABLET WITH GOOD COLOR AND TEXTURE

SATOMI, MEGUMI / ODA, SHINYA (TOWA CHEM IND CO LTD), PATENT ABSTRACTS OF JAPAN, May 2003

patno:JP2003155226

...components (a) and (b) by using the maltitol liquid containing the coloring matter: component (a): 10.0-50.0 wt.% **crystalline maltitol**; component (b): 50.0-90.0 wt.% crystalline powder of a mixture of one or more kinds selected from the group consisting...

Full text available at patent office. For more in-depth searching go to LexisNexis®
[view all 118 results from Patent Offices](#)
[similar results](#)

16. Process for preparing crystalline maltitol

Devos, Francis / Gouy, Pierre-Antoine (Roquette Frères), EUROPEAN PATENT, Aug 1986

patno:EP189704

EP 0189704 B1 2 30 35 40 45 50 55 60 Description L'invention a pour objet un procédé de prépara-tion de maltitol cristallisé. Le maltitol ou a-D-glucopyranosyl 4-D-sorbitol est le résultat de l'hydrogénéation du maltose. Il est connu de préparer du maltitol cristallisé anhydre en induisant la

Full text available at patent office. For more in-depth searching go to LexisNexis®
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17. Investigations on the predictability of the formation of glassy solid solutions of drugs in sugar alcohols

Langer, M. / Holtje, M. / Urbanetz, N.A. / Brandt, B. / Holtje, H.-D. / Lippold, B.C. , International Journal of Pharmaceutics, 252 (1), p.167-179, Feb 2003

...alpha - d -glucopyranosyl- d -sorbit), type ST-F, was provided by Palatinit Suszungsmittel (Mannheim, Germany). **Crystalline maltitol** Ph.Eur. (4- O - alpha - d - glucopyranosyl- d -glucitol), Maltisorb (R) , was provided by Roquette (Lestrem, France...

Published journal article available from ScienceDirect

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[similar results](#)

18. PROCESS FOR PURIFYING MALTOSE

HEIKKILÄ, Heikki / MÄNTTÄRI, Mika / NYSTRÖM, Marianne / LINDROOS, Mirja (Danisco Sweeteners Oy), EUROPEAN PATENT, Oct 2003

patno:EP1354067

...and low-cariogenic foods, such as confectionary products and chewing gums. Maltitol is prepared in the form of **crystalline maltitol** or maltitol syrup. Maltose is produced from a starch solution, which is first enzymatically hydrolyzed into a...

Full text available at patent office. For more in-depth searching go to  **view all 118 results from Patent Offices**
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19. ALPHA-ISOMALTOSYLTRANSFERASE, PROCESS FOR PRODUCING THE SAME AND USE THEREOF

KUBOTA, M., KK Hayashibara Seibutsu Kagaku Kenkyo / NISHIMOTO, T., KK Hayashibara Seibutsu Kagaku Kenkyo / AGA, Hajime, KK Hayashibara Seibutsu Kagaku Kenkyo / FUKUDA, S., KK Hayashibara Seibutsu Kagaku Kenkyo / MIYAKE, T., KK Hayashibara Seibutsu Kagaku Kenkyo (Kabushiki Kaisha Hayashibara Seibutsu Kagaku Kenkyo), EUROPEAN PATENT APPLICATION, Feb 2003

patno:EP1284286

The object of the present invention is to provide an α -isomaltosyl-transferring enzyme which forms a cyclotetrasaccharide having the structure of cyclo[-6]- α -D-glucopyranosyl-(1 \rightarrow 3)- α -D-glucopyranosyl-(1 \rightarrow 6)- α -D- ...

Full text available at patent office. For more in-depth searching go to  **view all 118 results from Patent Offices**
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20. Crystals of maltitol of a particular form, crystalline compositions containing them and processes for their preparation

Leleu, Jean Bernard / Haon, Patrick / Duflat, Pierrick / Looten, Philippe (Roquette Frères), EUROPEAN PATENT, Mar 1999

patno:EP905138

New crystalline forms of maltitol used e.g in preparation of chocolate New crystalline maltitol forms containing: (a) bipyramidal; (b)prismatic; or (c) a mixture of bipyramidal and prismatic crystals. The bipyramidal-form crystals comprise regular ...

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